SPARE PARTS MASTER

PIONEER
The Art of Entertainment

SPEAKER SYSTEM
SISTEMA DE ALTAVOCES
揚聲器系統

OPERATING GUIDE
GUÍA DE OPERACIÓN
使用說明書

S-D99/S-D77/S-D55

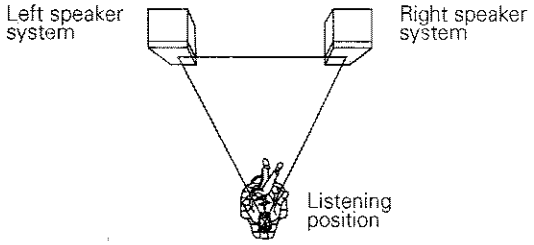
English

BEFORE USE

- Thank you for buying this Pioneer product.
- Please read this operating guide through before using your speaker system so you will know how to optimize performance. After you have finished reading the operating guide, store it in a safe place for future reference.
- The nominal impedance of this speaker system is 6 ohms. Connect the speaker system to a stereo amplifier with a load impedance ranging from 4 to 16 ohms (a model with "4 – 16Ω" displayed on the speaker output terminals).
- In order to prevent damage to the speaker system resulting from input overload, please observe the following precautions:
  - Do not supply power to the speaker system in excess of the maximum permissible input.
  - When connecting or disconnecting pin-plugs, be sure amplifier power is OFF.
  - When using a graphic equalizer to emphasize loud sounds over a high-frequency range, do not use excessive amplifier volume.
  - Do not try to force a low-powered amplifier to produce loud volumes of sound (the amplifier's harmonic distortion will be increased, and you may damage the tweeter).
- Do not touch the speaker cone's reverberating surfaces as they may be damaged by external force.
- To protect the mid-range and the tweeter from excessive input power and abnormal signals, an automatic-reset type protective device is installed. When an excessive input is sent to the mid-range and the tweeter, the protective device operates, and mid range and high range sounds cease to be produced. In this case, reduce the amplifier volume. To protective device will reset itself in about thirty seconds.

INSTALLATION

- The normal listening position is at apex of an imaginary equilateral triangle with the speaker system forming the base line. Alternatively, you can sit and listen just beyond the apex.



- The sound quality may change depending on the objects surrounding the speaker system, the installation locations, and the listening room itself. The bass, for instance, will be emphasized when the speaker system is placed up against a wall and will be insufficient when there is a wide clearance between the speaker system and the wall. See what the sound is like in a numbers of different positions and choose the location which offers a sound quality to your liking.(S-D99,S-D77 only)
- This speaker system is a book-shelf style and so when it is installed on the floor, more sound may be reflected, increasing the bass and perhaps making the sound unpleasant to listen to. In cases like this, mount the speaker system on a stand so that it is raised above floor level. You will obtain good results if you install the speaker system so that tweeter is on the same level as your ears in the listening position.(S-D55 only)

Cautions regarding installation

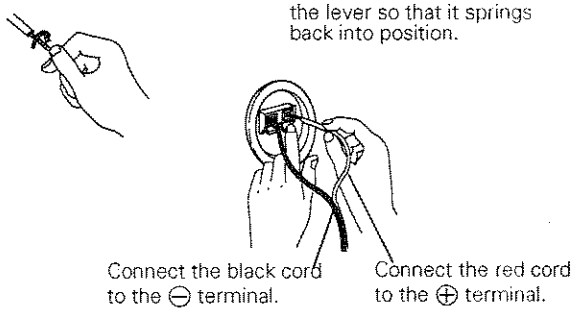
- Do not install this speaker system near a stove or other heating appliance, or put it in a place exposed to the sun. Such locations may cause the cabinet to change color and the speaker system to break down.
- Remember that this speaker system is quite heavy, so it is dangerous to install it in a high place such as on a wall or pillar or in other unstable locations.

CONNECTIONS

1. Set the amplifier's power switch to OFF.
2. Connect the speaker cords to the input terminals at the rear of the speaker system; connect the red cord to the ⊕ terminal and the black cord to the ⊖ terminal. Bear in mind that the red input terminal has a "⊕" polarity, and the other terminal has a "⊖" polarity.
3. Connect the speaker cords to the amplifier's speaker output terminals. Connect the red cord to the ⊕ terminal and the black cord to the ⊖ terminal.

① Strip the cover and twist the strands.

② Depress the input terminal lever, and insert the tip of the cord into hole and then release the lever so that it springs back into position.

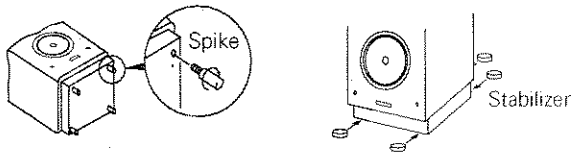


NOTES:

- *Make sure that the speaker cords are connected to the terminals securely. Insecure connections may cause not only sound to be interrupted and noise to be generated but also the cords to be shorted and the amplifier to break down.*
- *If listening to a stereo performance with the speaker system connected to a stereo amplifier and you find that the bass is insufficient, the sound is not spread out and there is no stereo effect; the cords of one of the speaker systems have been plugged into the wrong polarity terminals.*
- *Viewed from the front, connect the right-side speaker system to the right channel (R) of amplifier's speaker output terminals, and the left-side speaker system to the left channel (L).*

SPIKES (S-D99 only) AND STABILIZERS (S-D77 only)

If the carpet is thick, the spikes or stabilizers may be used to prevent the speaker from vibrating out of place.



How to the Spikes and stabilizers Effect the Sound

The spikes and stabilizers have two functions: they keep the speaker from vibrating out of place, and they can enhance the speaker sound.

For rooms with good acoustics, installing the speaker with the spikes or stabilizers will give the bass a penetrating effect and clearer sound.

For rooms with curtains, books, and other sound-absorbing material, placing the speaker directly onto the floor without the spikes or stabilizers will enrich the volume of the bass.

Try listening with and without the spikes or stabilizers, and arrange according to the type of room and personal preference.

DETACHING AND REPLACING THE FRONT GRILLE

The front grille of this speaker system is removable.
Proceed as follows:

1. Use both hands to hold the top part of the grille, and pull it gently towards you. You will then be able to free the top part of grille.
2. Similarly, take hold of the bottom part of the grille, and pull it towards you; the whole grille will then be detached from the speaker system.
3. To replace the grille, align the projections in each of the grille's corners with the openings in the speaker system, and push each of the corners into place.

CABINET MAINTENANCE

- Use a polishing cloth or dry cloth to wipe off dust and dirt.
- When the cabinet is very dirty, clean with a soft cloth dipped in some neutral cleanser diluted five or six times with water, and then wipe again with a dry cloth. Do not use furniture wax or cleaners.
- Never use thinners, benzine, insecticide sprays and other chemicals on or near the cabinets, since these will corrode the surfaces.

SPECIFICATIONS

S-D99:

Enclosure	Bass-reflex, floor-standing type
System	4-way 4-speaker system
Loudspeakers:	
Woofer	20 cm cone-type X2
Midrange	7.7 cm cone-type X 1
Tweeter	6.6 cm cone-type X 1
Nominal Impedance	6 Ω
Frequency Range	35 to 20,000 Hz
Sensitivity	87 dB/W at 1 m distance
Maximum Power	230 W
External Dimensions	290(W) x 880(H) x 336(D) mm
Weight(without package)	16.5 kg
Accessory Parts	Operating Guide x 1
	Speaker Cord x 1
	Spike X 4

S-D77:

Enclosure	Bass-reflex, floor-standing type
System	3-way 3-speaker system
Loudspeakers:	
Woofer	20 cm cone-type
Midrange	7.7 cm cone-type
Tweeter	6.6 cm cone-type
Nominal Impedance	6 Ω
Frequency Range	35 to 20,000 Hz
Sensitivity	88 dB/W at 1 m distance
Maximum Power	180 W
External Dimensions	270(W) x 800(H) x 316(D) mm
Weight(without package)	11.5 kg
Accessory Parts	Operating Guide x 1
	Speaker Cord x 1
	Stabilizers X 4

S-D55:

Enclosure	Bookshelf-style, Bass-reflex type
System	3-way 3-speaker system
Loudspeakers:	
Woofer	20 cm cone-type
Midrange	7.7 cm cone-type
Tweeter	6.6 cm cone-type
Nominal Impedance	6 Ω
Frequency Range	40 to 20,000 Hz
Sensitivity	89 dB/W at 1 m distance
Maximum Power	180 W
External Dimensions	270(W) x 620(H) x 316(D) mm
Weight(without package)	8.0 kg
Accessory Parts	Operating Guide x 1
	Speaker Cord x 1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.

FREQUENCY RESPONSE AND HARMONIC DISTORTION

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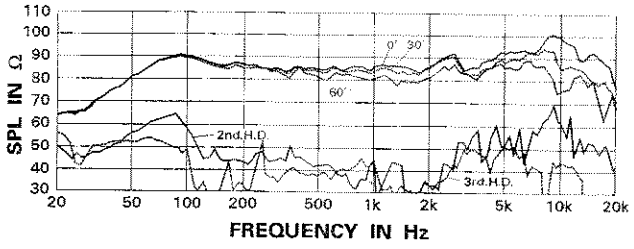

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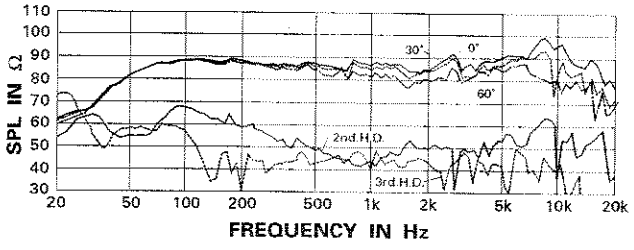

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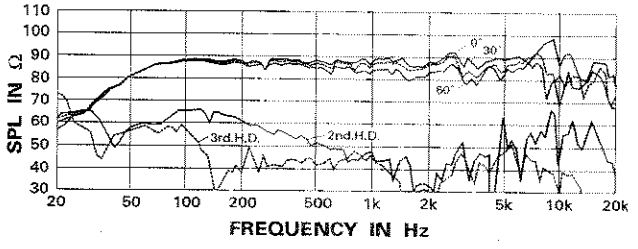

IMPEDANCE

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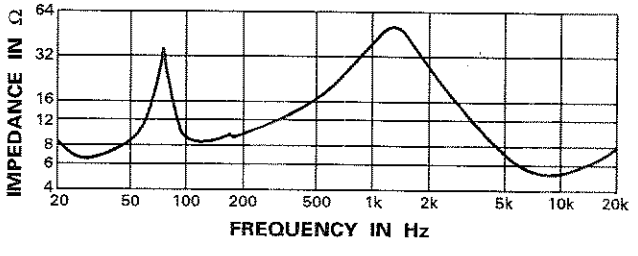

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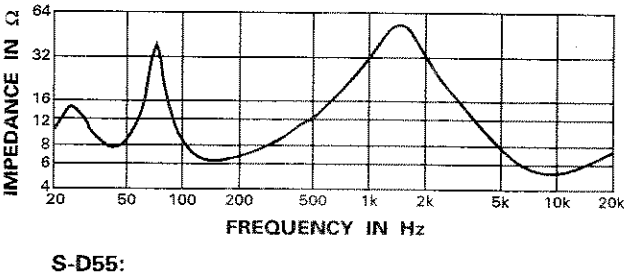

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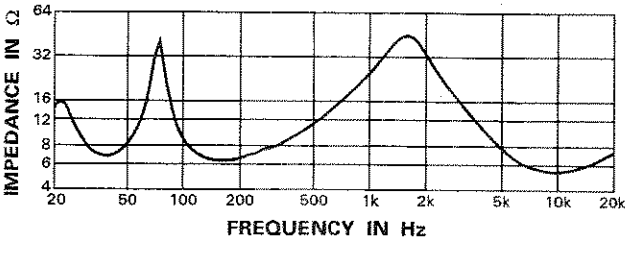

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